

Title (en)

AIR AUTO SHUTOFF MECHANISM FOR A PNEUMATIC TORQUE-APPLYING TOOL

Title (de)

AUTOMATISCHE LUFTABSPERREINRICHTUNG FÜR EINEN PNEUMATISCH BETRIEBENEN DREHMOMENTSCHLÜSSEL

Title (fr)

MECANISME D'ARRET AUTOMATIQUE D'AIR DESTINE A UN OUTIL D'APPLICATION DE COUPLE POUR PNEUMATIQUE

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Application

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Abstract (en)

[origin: WO03095151A1] An automatic shutoff mechanism (30, 90, 120, 150) for a pneumatic tool having an air motor (15), a pressurized airflow path to the motor and a torquing mechanism (21) driven by the motor, includes a valve member (87, 106, 140) moveable between open and closed positions relative to the airflow path and biased to the open position, and a trip apparatus responsive to application of a predetermined torque for moving the valve member to a trip position disposed in the airflow path sufficiently to expose the valve member (87, 106, 140) to the pressurized airflow for driving the valve member from the trip position to the closed position. Mechanical and electromechanical embodiments are disclosed.

IPC 8 full level

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